

15mar06 10:20:49 User300302 Session D1487.1

File 2:INSPEC 1898-2006/Mar W1  
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Set Items Description

Set	Items	Description
S1	2709	TIRE OR TIRES OR TYRES OR TYRE
S2	45210	DOPPLER? ?
S3	13	S1 AND S2



# STIC Search Report

## EIC 2800

### STIC Database Tracking Number:

**To:** Andre Allen  
**Location:** JEFF 9A-41  
**Art Unit:** 2855  
**March 15, 2006**  
**Case Serial #** 10/731,198

**From:** Paul Kim  
**Location:** STIC-EIC2800  
**JEF-4B68**  
**Phone:** 571-272-8949  
**Email:** Kim, Paul

### Search Notes

Attached are the search histories and edited search results from patent and non-patent databases in Dialog.

I found art similar to what you are looking for. I recommend that you browse the attached results.

Based on this, if you have questions or comments, or if you would like a refocused search, please contact me.

Respectfully,  
Paul Kim  
Technical Searcher

A handwritten signature in black ink, appearing to read "Paul Kim".



# STIC Search Results Feedback Form

## EIC 2800

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Jeff Harrison, EIC 2800 Team Leader  
571-272-2511, JEF 4B68

### Voluntary Results Feedback Form

➤ *I am an examiner in Workgroup:*  Example: 2810

➤ *Relevant prior art found, search results used as follows:*

- 102 rejection
- 103 rejection
- Cited as being of interest.
- Helped examiner better understand the invention.
- Helped examiner better understand the state of the art in their technology.

*Types of relevant prior art found:*

- Foreign Patent(s)
- Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ *Relevant prior art not found:*

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

**Comments:**

Drop off or send completed forms to STIC/EIC 2800, CP4-9G18



LCVD  
3/10/06  
1:15PM

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## SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 3-10-06 Serial # 10/131198 Priority Application Date \_\_\_\_\_  
Your Name ANDRE ALLEN Examiner # 78079  
AU 2855 Phone 22174 Room 9A41

In what format would you like your results? Paper is the default.  PAPER  DISK  EMAIL  
If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle:  USPTO  DWPI  EPO Abs  JPO Abs  IBM TDB  
Other: \_\_\_\_\_

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs  Nonpatent Literature  Teaching Refs   
Secondary Refs  Foreign Patents  Other \_\_\_\_\_

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-pattr-2/siraapps/stic/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

ANALYZING SIGNALS (REFLECTED) USING HARMONICS  
WHEREIN THESE ANALYZED SIGNALS DETECT OR MEASURE  
TIRE ANOMALIES SUCH AS TREAD WEAR, LOW PRESSURE OR  
LOW TEMPERATURE.  
SEE CLAIMS 1 & 13

frequency shift determine tire abnormal?  
harmonic range wear temp  
defect pressure

### Staff Use Only

Searcher: Paul Kim  
Searcher Phone: 2-8949  
Searcher Location: STIC-EIC2800, JEF-4B68  
Date Searcher Picked Up: 3/13/06  
Date Completed: 3/15/06  
Searcher Prep/Rev Time: 320  
Online Time: 116

Type of Search  
Structure (#)   
Bibliographic   
Litigation   
Fulltext   
Patent Family   
Other

Vendors  
STN   
Dialog   
Questel/Orbit   
Lexis-Nexis   
WWW/Internet   
Other